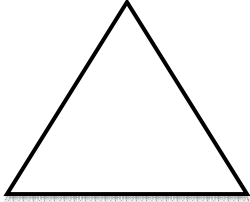
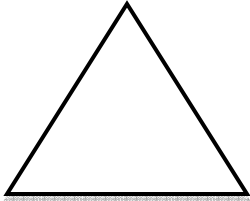
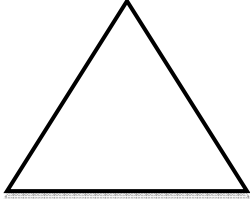


Calculating Speed..... or Time..... or Distance

Examples:

- 1) Find the time it takes for a bullet to travel 680 meters at a speed of 336 m/s.
- 2) Calculate the distance a motorcycle travels in 45.6 seconds at 33 m/s.
- 3) Two trucks are traveling to the same destination from different locations. Truck A is 40km away and travels at 95 km/hr. Truck B is 55km away and travels at 108 km/hr. Which truck will arrive first and by how much time?

Conversions:

You may occasionally have to jump from km/hr to m/s or m/s to km/hr. Here's how:

m/s \rightarrow km/hr _____ 1) 4.7 m/s = _____ km/hr 2) 345m/s = _____ km/hr

km/hr \rightarrow m/s _____ 2) 97 km/hr = _____ m/s 2) .68 km/hr = _____ m/s